

IN THE CLAIMS:

Please cancel claims 4, 15 without prejudice. Please amend /replace claims 1, 3, 6, 11, 14, 16, 18.

Claim 1 (currently amended): A nozzle for dispensing a flowable material an adhesive, comprising:

a hollow nozzle body having a base and a tip and having a flow passage formed therethrough for receiving said adhesive, said tip having a first side and a second side opposite the first side;

 said nozzle body having an inlet and outlet at opposite ends of said flow passage, wherein said outlet comprises an a generally triangular shaped aperture which is formed in said tip, and is substantially wedge shaped, said generally triangular shaped aperture being configured to dispense a greater amount of said adhesive proximate the first side than an amount of adhesive dispensed proximate the second side.

a

Claim 2 (original): The nozzle of claim 1, wherein said inlet is formed as a hollow cylinder, and wherein said nozzle has threads formed therein at said inlet.

Claim 3 (currently amended): The nozzle of claim 1, wherein said nozzle body flow passage comprises a bore formed in said nozzle in communication with said inlet, and a substantially flattened channel in fluid communication with said bore, said substantially flattened channel having a wedge-shaped triangular shaped cross section corresponding to the nozzle outlet.

Claim 4 (canceled)

⁴
Claim 5 (original): The nozzle of claim 1, wherein said nozzle has a substantially flattened end face formed in the tip thereof, wherein said substantially flattened end face is disposed an angle with respect to an adjoining surface of said nozzle, and wherein said outlet is formed in said substantially flattened end face.

5
Claim 6 (currently amended): An apparatus for dispensing a ~~flowable material~~ an adhesive into a workpiece having a circular outline, the apparatus comprising:

a dispenser for directing flow of said ~~material adhesive~~, said dispenser being connectable to a source of ~~flowable material adhesive~~ and having a flow channel formed therethrough;

a nozzle attached to a lower end of said dispenser, said nozzle comprising:

a hollow nozzle body having a base and a tip and having a flow passage formed therethrough, said tip having a first side and a second side opposite the first side;

said nozzle body having an inlet and an outlet at opposite ends of said flow passage, wherein said outlet is substantially wedge-shaped, and is formed in said tip comprises an aperture formed in said tip, said aperture being configured to dispense a greater amount of said adhesive proximate the first side than an amount of adhesive dispensed proximate the second side; and

a¹ rotatable turntable for rotatably supporting a the workpiece, said turntable disposed below said nozzle.

6
Claim 7 (original): The apparatus of claim 6, further comprising a mechanism for raising and lowering said turntable.

7
Claim 8 (original): The apparatus of claim 6, further comprising a valve for starting and stopping a flow through the dispenser.

8
Claim 9 (original): The apparatus of claim 8, wherein said valve comprises a solenoid.

9
Claim 10 (original): The apparatus of claim 6, further comprising a support frame, wherein said dispenser is operatively attached to said support frame with said nozzle pointing downwardly.

1⁰
Claim 1¹ (currently amended): The apparatus of claim 6, wherein said nozzle body flow passage comprises a bore formed in said nozzle body in communication with said inlet, and a substantially flattened channel in fluid communication with said bore and with said outlet, wherein said substantially flattened channel has a wedge-shaped triangular shaped cross section corresponding to the nozzle outlet.

1¹
Claim 1² (original): The apparatus of claim 6, further comprising a rotary indexer having a rotatable dial plate, wherein the dial plate has a plurality of openings formed therein to receive the workpieces, and further wherein said turntable is disposed proximate said rotary indexer.

1²
Claim 1³ (original): The apparatus of claim 1², further comprising a mechanism for raising and lowering said turntable.

1³
Claim 1⁴ (currently amended): A method of adding a flowable material an adhesive to a workpiece having a circular outline, comprising the steps of:

- a) supporting a workpiece on a rotatable support member, said workpiece having an outer side wall with a substantially circular outline, and a base attached to said outer side wall;
- b) positioning a dispenser nozzle, having a wedge-shaped generally triangular shaped outlet aperture, over said base of said workpiece, with a wide end of said aperture adjacent the outer side wall of the workpiece;
- c) opening a valve to allow said adhesive to flow through said nozzle;
- d) rotating said workpiece; and while said adhesive is flowing from said generally triangular shaped outlet aperture.
- e) closing said valve after said workpiece has been rotated in amount and arrange between 350 and 370°.

Claim 1⁵ (canceled).

1⁴
Claim 1⁶ (currently amended): The method of claim 1², further comprising a step of lifting said support member work piece upwardly to bring it into proximity with said nozzle before step e) opening the valve.

Claim ~~17~~¹⁶ (original): The method of claim ~~12~~¹¹, wherein the workpiece includes an inner wall spaced away from said outer wall and attached to said base.

Claim ~~18~~¹⁷ (currently amended): The method of claim ~~17~~¹⁵, wherein said base is substantially O-shaped circular shaped.

Please add new claims 19-24.

Claim ~~19~~¹⁸ (new): The method of claim ~~12~~¹¹ further comprising closing said valve after said workpiece has been rotated a predetermined number of degrees.

Claim ~~20~~¹⁹ (new): The method of claim ~~19~~¹⁸ wherein said predetermined number of degrees is between 350° and 370°.

Claim ~~21~~¹⁹ (new): A method for applying an adhesive to an end-cap of a filter assembly, comprising:

moving adhesive through a flow passage in a nozzle body, said nozzle body having an inlet aperture and an outlet aperture at opposite ends of the flow passage, wherein said outlet aperture is formed in a tip of said nozzle body, said outlet aperture having a first end and a second end opposite the first end, said aperture being configured to dispense a greater amount of said adhesive at the first end than an amount of adhesive dispensed at the second end; and,

rotating said end-cap proximate said nozzle body such that said adhesive exiting said outlet aperture is disposed on said end-cap.

Claim ~~22~~²⁰ (new): The method of claim ~~21~~¹⁹ wherein said first end of the said outlet aperture is disposed proximate an outer portion of said end-cap during rotation of said end-cap.

Claim 23 (new): A nozzle for dispensing an adhesive therefrom, comprising:

a nozzle body having a base portion and a tip portion and having a flow passage formed therethrough;

said nozzle body having an inlet aperture and an outlet aperture at opposite ends of the flow passage, wherein said outlet aperture is formed in the tip portion of said nozzle body, said outlet aperture having a first end and a second end opposite the first end, said aperture being configured to dispense a greater amount of said adhesive at the first end as compared to an amount of adhesive dispensed at the second end.

Claim 24 (new): A nozzle for dispensing an adhesive therefrom, comprising:

a nozzle body having a base portion and a tip portion and having a flow passage formed therethrough;

said nozzle body having an inlet aperture and an outlet aperture at opposite ends of the flow passage, wherein said outlet aperture is formed in the tip portion of said nozzle body, said outlet aperture having a pair of opposed edges extending from a first side of said tip portion to a second side of said tip portion, wherein a first distance between said pair of edges at said first side is smaller than a second distance between said pair of edges at said second side, wherein said outlet aperture dispenses a greater amount of said adhesive proximate the second side as compared to an amount of adhesive dispensed at the first side.